

SEQUENCE LISTING

<110> APPLICANT: Samuel I. Achilefu
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 Richard B. Dorshow
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 ASSIGNEE: Mallinckrodt Inc.

<120> TITLE: Versatile Hydrophilic Dyes

<130> DOCKET/FILE REFERENCE: MRD-67

<150> PRIOR APPLICATION NUMBER: 09/484,321

<151> FILING DATE: 2000-01-18

<160> NUMBER OF SEQUENCES: 8

<170> SOFTWARE: FastSEQ for Windows Version 3.0

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<212> TYPE: PRT

<213> ORGANISM:Synthetic

<221> MOD_RES

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<223> Xaa = D-Phe

<224> Xbb = Cys with an intramolecular disulfide bond
 between two Cys amino acids

<225> Xcc = D-Trp

<400> SEQ ID NO:1

Xaa	Xbb	Tyr	Xcc	Lys	Thr	Xbb	Thr
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<223> Xaa = D-Phe

<224> Xbb = Cys with an intramolecular disulfide bond
 between two Cys amino acids

<225> Xcc = D-Trp

<226> Xdd = Thr-OH

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Xaa	Xbb	Tyr	Xcc	Lys	Thr	Xbb	Xdd
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<228> Xff = D-Asp

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Xff Tyr Nle Gly Trp Nle Asp Phe
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<210> SEQ ID NO:8
<211> LENGTH: 8
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<229> Xgg = D-Lys

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Xgg Pro Arg Arg Pro Tyr Ile Leu
1 5